AUTODOC CLUB

How to change front brake discs on **AUDI A3 Sportback (8VA, 8VF)** – replacement guide

SIMILAR VIDEO TUTORIAL

This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
AUDI A3 Sportback (8VA, 8VF) 2.0 TDI, AUDI A3 Sportback (8VA, 8VF) 1.4 TFSI, AUDI A3 Sportback (8VA, 8VF) 2.0 TDI quattro, AUDI A3 Sportback (8VA, 8VF) 1.8 TFSI, AUDI A3 Sportback (8VA, 8VF) 1.6 TDI, AUDI A3 Sportback (8VA, 8VF) S3 quattro, AUDI A3 Sportback (8VA, 8VF) 1.8 TFSI quattro, AUDI A3 Sportback (8VA, 8VF) 1.2 TFSI, AUDI A3 Sportback (8VA, 8VF) 1.4 TFSI g-tron, AUDI A3 Sportback (8VA, 8VF) 1.4 TSI, AUDI A3 Sportback (8VA, 8VF) 1.4 TFSI e-tron, AUDI A3 Sportback (8VA, 8VF) 1.6 TDI quattro, AUDI A3 Sportback (8VA, 8VF) 1.0 TFSI, AUDI A3 Sportback (8VA, 8VF) 2.0 TFSI quattro, AUDI A3 Sportback (8VA, 8VF) 2.0 TFSI, (+ 9)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: VW Passat Saloon (362) 2.0 TDI

REPLACEMENT: BRAKE DISCS – AUDI A3 SPORTBACK (8VA, 8VF). LIST OF THE TOOLS YOU'LL NEED:

- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Drive socket # 21
- HEX bit No.H7
- Torx bit T27
- Torx bit T30
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Rubber mallet
- Impact screwdriver
- Brake caliper wind back tool
- Crow bar
- Wheel chock

Buy tools

AUTODOC recommends:

- Replace the brake disks on the car AUDI A3 Sportback (8VA, 8VF) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – AUDI A3 Sportback (8VA, 8VF) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood.

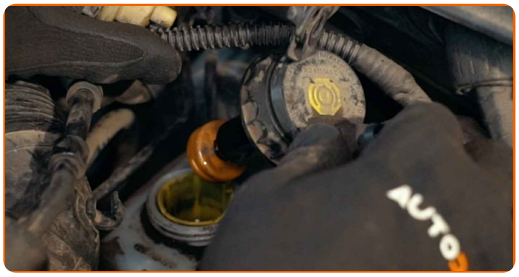
2 Clean the brake fluid reservoir cap. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – AUDI A3 Sportback (8VA, 8VF). After applying the spray, wait a few minutes.

3 Unscrew the engine solenoid valve bracket. Use Torx T27. Use a ratchet wrench.

4 Unscrew the brake fluid reservoir cap.



5 Secure the wheels with chocks.

6 Loosen the wheel mounting bolts. Use wheel impact socket #17.

7 Raise the front of the car and secure on supports.

8 Unscrew the wheel bolts.

AUTODOC recommends:

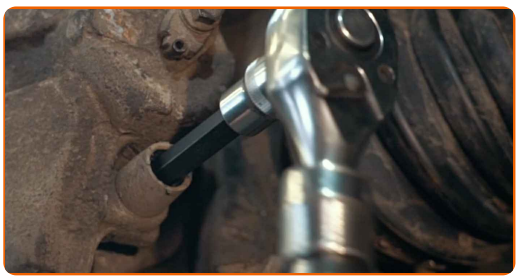
- Important! Hold the wheel while unscrewing the fastening bolts. AUDI A3 Sportback (8VA, 8VF)

9 Remove the wheel.

10 Spread the brake pads. Use a crowbar.

11 Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.

12 Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.



13 Detach the brake caliper retaining spring. Use a crowbar.

14 Remove the brake caliper.

Replacement: brake discs – AUDI A3 Sportback (8VA, 8VF). Tip:

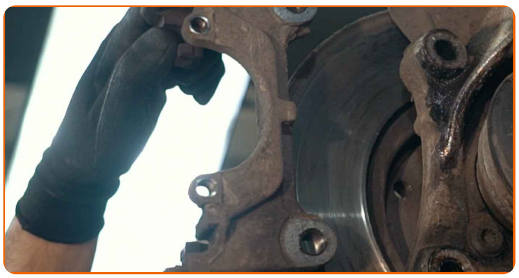
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

15 Remove the brake pads.

16 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

17 Unscrew the caliper bracket fastening. Use a drive socket #21. Use a ratchet wrench. Use a tap wrench.

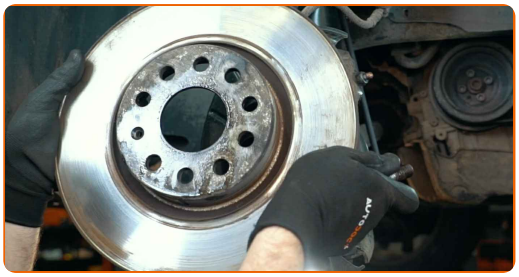
18 Remove the caliper bracket.



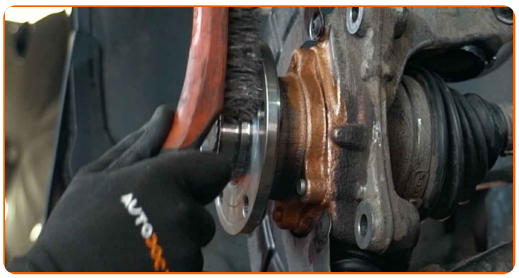
19 Clean the brake disc fastener. Use a wire brush. Use WD-40 spray.

20 Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.

21 Remove the brake disc. Use a rubber mallet.



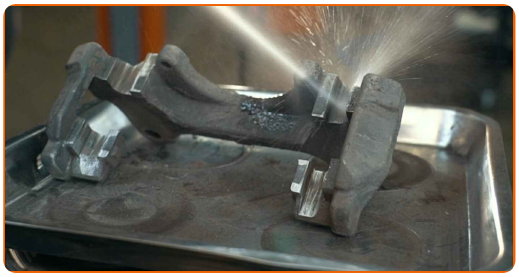
22 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



23 Install the brake disc.

24 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 4 Nm torque.

25 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – AUDI A3 Sportback (8VA, 8VF). After applying the spray, wait a few minutes.

26 Install the brake caliper bracket.

27 Tighten the brake caliper bracket. Use a drive socket #21. Use a torque wrench. Tighten it to 175 Nm torque.

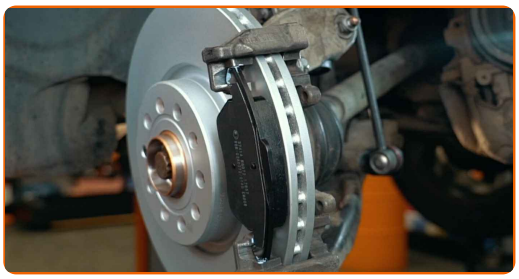
28 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.

Replacement: brake discs – AUDI A3 Sportback (8VA, 8VF). Tip from AUTODOC experts:

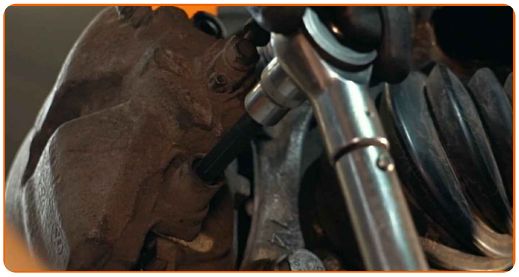
- After applying the spray, wait a few minutes.

29 Press in the brake caliper piston. Use brake caliper wind back tool.

30 Install the brake pads.



31 Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.

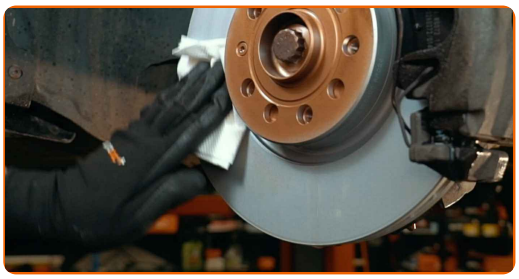


32 Install the dust boot caps of the brake caliper guide pins.

33 Install the brake caliper retaining spring. Use a crowbar.

34 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

35 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – AUDI A3 Sportback (8VA, 8VF). After applying the spray, wait a few minutes.

36 Install the wheel.

AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. AUDI A3 Sportback (8VA, 8VF)

37 Screw in the wheel bolts. Use wheel impact socket #17.

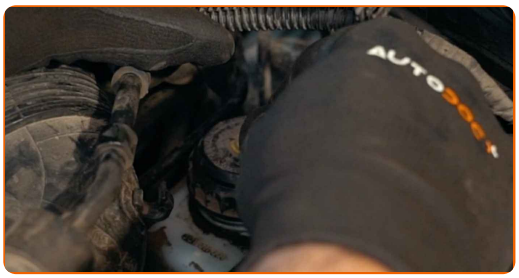
38 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

39 Remove the jacks and chocks.

Replacement: brake discs – AUDI A3 Sportback (8VA, 8VF). AUTODOC recommends:

- Check the brake fluid level in the expansion tank and refill if necessary.

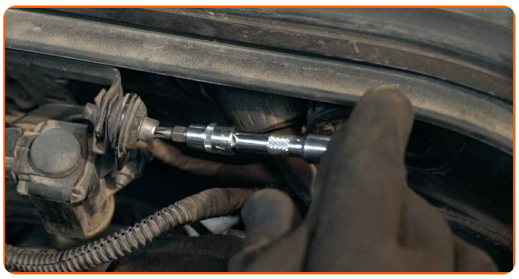
40 Tighten the brake fluid reservoir cap.



AUTODOC recommends:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

41 Install the engine solenoid valve bracket. Use Torx T27. Use a ratchet wrench.



42 Close the hood.

WELL DONE!

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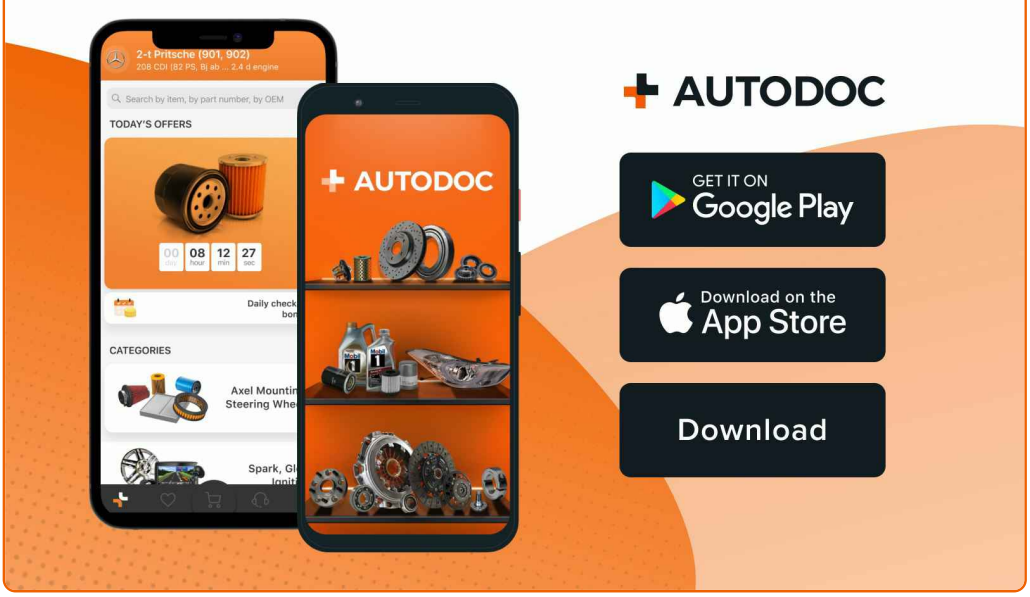

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BRAKE DISCS: A WIDE SELECTION

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